TARC NEWSLETTER

TITUSVILLE AMATEUR RADIO CLUB

JUNE, 1995

OFFICERS

PRESIDENT: Charles Fagel KR4YZ 267-1475 SECRETARY: Bobbi Sue Wood AD4VV 268-8537
V.PRESIDENT: Tom Nguyen AD4NA 636-6663 TREASURER: Clyde Lee K4EOS 267-9375

CLUB INFORMATION

TARC Meetings: Monthly on 4th Tuesday at 1900 hrs at Jaycee Building
TARC Nets: VIP - Thursdays at 1000 hrs on 146.910
Friendship - Thursdays at 1830 hrs on 146.910
Mosquito - Wednesdays at 1900 hrs on 28.333
TARC Repeaters: VHF - 146.910 and 146.970. UHF - 444.150

PRESIDENT'S CORNER

By Charles Fagel KR4YZ

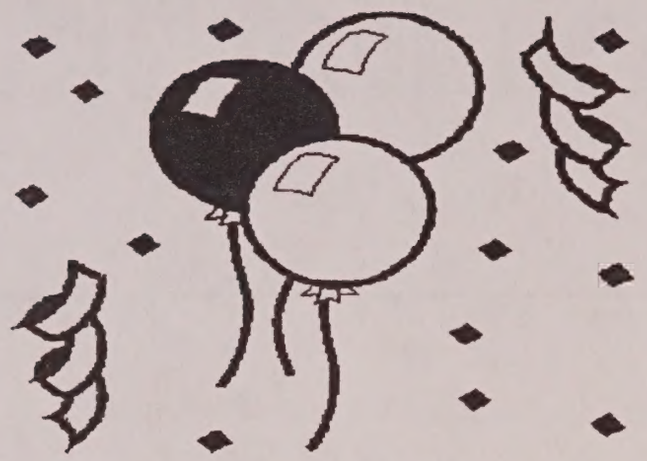
Our thanks to the group that helped with the Indian River Festival Raft Race. The weather cooperated with us, and a good time was had by all.

The TARC Handbook is progressing nicely. We have received a number of comments and suggestions resulting from the April meeting presentation by Kay KD4VFQ. With the completion of the review and incorporation of comments received, we will be ready to go to press. Numerous requests have come in for the initial distribution to be a general one. We are working toward this goal.

The May 23, meeting will be dedicated to Field Day. Warren KS4GP will be there to report on status, and also to select help in those areas where needed. Remember also that Field Day '95 will be held at Fox Lake on Saturday and Sunday, the 24th and 25th of June. Speaking of Field Day, we have a special reminder for our new hams or those who have not before participated in a Field Day.

The event presents a golden opportunity for hands on setting up and operating a station. You will have opportunities for creation and tuning of antennas, hook up of station equipment, as well as operating on all bands and privileges, regardless of your authorized class. So come out and join us, whether for an hour or a day, or all night. If you will be there for dinner Saturday night, please bring 2 covered dishes. Further information will be given on the Mosquito, VIP and Friendship nets.

I COULDN'T FIND A PORTABLE GENERATOR TO BRING ALONG, SO I BROUGHT ALONG A BOX OF CANDLES



JUNE BIRTHDAYS

06/01	KD4TSL	BEN McMAHAN
06/03	W4AVP	JACK SIEGEL
06/04	KE4HOG	NANCIE PREVATT
06/06	N2CTQ	LOU GENCORELLI
06/06	AD4PP	JERRY MOSKOVITZ
06/07	K4BZJ	LES WIDICK
06/08	KE4AEB	JOE JORDON, JR.
06/10	K4EOS	CLYDE LEE
06/11	W9IOS	BILL KARR
06/12	KA4VYH	BILL YOUNG
06/13	WA2MIK	TONY GERBINO
06/16	KR4YZ	CHARLES FAGEL
06/17	W4BAL	JIM BAYLESS
06/21	W1UAZ	EDWARD COTE
06/21	KA4WIQ	JOHN PHILLIPS
06/22	AA2UD	DON HENNES
06/23	KE4LNT	EDWARD GLOVICH
06/25	W4GMW	NEALE CRANSTON
06/26	KE4KIB	TODD GRACOM
06/27	N4WWG	DAVE HART
06/27	KS4GP	WARREN MURRAY
06/28	KD4TLR	STEVE BIDWELL
06/28	KE4RFN	BOB CRAWFORD
06/29	KK4SH	VINCE GONZALEZ

MOSQUITO NET

Submitted by José KC4VIO, Stinger #2

The net session on May 8 was a humdinger. The band was open towards the northeast and the check-ins kept on coming. There were a total of 51 hams who enjoyed participating in the net during the 3 hours it remained open. 29 were first timers in the net and would you believe? - some of them had been trying to get into the net for months. This is what hamming is all about. For Jim, KA3YWR from Paradise, PA, it was his first voice contact and he was tickled pink about being with the Mosquito Net. He will receive an ARRL first contact certificate along with his stinger number.

>The net now has well over 700 members so you can imagine what it will be like when the propagation cycle is favorable once again.

>The net is affiliated with ARES, RACES and SKYWARN through the Brevard County Emergency Management, so even though it is mostly fun and games, it will serve the community when and if a need arises.

>To get a stinger number and become a mosquito you must check into the net. If you are a short wave listener and do not have 10 meter band transmitting privileges, you may still become a mosquito. In either case just send a QSL or post card with your information about the contact and a self addressed stamped envelope to: Mosquito Net Manager, P.O.Box 6819, Titusville, FL 32782. The net meets every Wednesday at 7:00 PM local time on 28.333 MHz. The Orlando chapter meets on Tuesday, Same time and frequency.

INDIAN RIVER RAFT RACE 29 APRIL 1995

By Cliff KC4SYD - Communications Weenie

Well, we've got another Raft Race under our "Rubber Duckies" TNX to all the TARC TURKEYS who volunteered and served the community's call for assistance. The race committee requested 4 or 5 operators and the club response was 17 (that I know of). 350% isn't it? Our honor roll includes the following:

1. **Hazardous duty (Boats)** KC4KCT Charlie; KB4RBU Vern; KD4DOJ Skid.
2. **Fairly Dangerous(Judges assistant)** W4EPU Pike, KR4YZ Charley, KE4MWZ Mike.
3. **Eager Volunteers:** KS4GP Warren, K4CWG Bud KK4SH Vince, N4SCY Ozzie, KA4LTK Lloyd, KC4VIO José, KC4VIN Carole, W4VQB Bob, KE4MXB Bonnie
4. **Commercial Broadcast Coverage:** WN3DHI Archie

Thank you all for responding to the call!

CABLE -READY RADIO

From IRARC Newsletter-April 1995

Are deed restrictions keeping you from putting up an adequate antenna system? Or does your lease state, "no outside antennas"? Well, don't get mad; get Cable-Ready Radio!

>Cable-Ready Radio is the latest thing in cable, and it's available only to persons with Amateur Radio Licenses. You need no antenna, only a state-of-the-art fiber optic cable the size of a yak hair.

>It's two main features are: (1) You can work any station, any mode anywhere in the world with just 1.5 milliwatts. (2) All received signals guaranteed S9 plus 20 dB.

>Thanks to the Communications Act of 1994, which went into effect April 1, 1995, cable TV stations must allow you to access their transmission channels. As a result, three new services are, or will soon be, changing the face of Antenna radio: (1) An exclusive ham radio shopping network coming in late 1995. (2) A continental ATV network operating 24 hours every day. Plans are underway for a worldwide hookup in 1996. (3) Cable-Ready Radio is available now!

>Three tiers of service are available: (1) Basic Cable-Radio, Cab-Ham-A allows you to contact any other Cab-Ham-A station within 50 miles. (2) Extended ham service, Cab-Ham-B, Gives you access to any Cable-Ready ham station within the continental United States and Canada. (3) Premium Cab-Ham-C, which allows access worldwide.

>A unique feature of Cab-Ham-C is that you can also access pay-per-country (PPC) mode. PPC allows you to schedule your DX operating time efficiently.

>Once your license class has been verified from FCC files, you will be able to check the PPC schedule in your monthly bill and choose the countries you'd like to work.

>The system operates like satellite TV. A subscriber like 5H1CJ in Tanzania sends a standard CQ on 3.510 MHz - one of the local link frequencies monitored by PPC Radio in Africa. 5H1CJ's signal is retransmitted to an orbiting Amateur radio satellite that then beams the signal to all stations on the PPC network. The service is full duplex and capable of two million QSO's per hour.

>PPC subscribers are guaranteed time slots on the air at least four times per month. A special adapter connects the cable line directly into your transceiver. You just tune the special frequency at the scheduled time and, when you hear the DX station, press the authorization button on your remote control. This action puts you in the DX station's log, and your QSL card will arrive with your next bill. It's as simple as that!

>As you might expect, though, if you fail to pay your PPC bill on time, you risk having your QSL cards stamped, "Sorry, not in log". The Cab-Ham-A rate is $3 per month; Cab-Ham-B is $7 per month, and Cab-Ham-C is $10 per month with an additional charge of $1 per QSO.

from the October '93 Alliance (Ohio) ARC "Zero Beat" - John Meyers WX8G, Editor, via the ARNS Bulletin, Dave Barton, AF6S, Editor.

PATRON SAINT FOR RADIO AMATEURS

Flavius Jankauskas, K3JA/LY2JA

From Worldradio June 1995

In June 1994 I met Sakalas (Sak) Uzdavinys, LY2BO, among a group of hams who traveled from Lithuania by bus for their first post-W.W.II visit to HAM RADIO at Friedrichschafen, Germany. HAM RADIO is the European version of Dayton's Hamvention. Later I visited Sak in Lithuania, and he called my attention to an article in the Polish magazine PZK concerning a Polish radio amateur who had been canonized a saint. A local Philadelphia amateur, James Samuels, W3BG, had attended a Catholic church named in this man's honor and had heard that he had been a radio amateur, but did not know his call or the story behind his canonization. What a coincidence! So Sak translated the article. The pertinent facts were:

Maximilian Kolbe was born 1894 in Zdunska Wola, Poland. Fr. Kolbe joined the Franciscan Order at a cloister in Niepokolanow and was editor of a popular magazine entitled *Knight Niepokolanow.* Later, he was sent to Japan as a missionary. In Japan, he founded small radio nets which were installed in cloisters, abbeys, etc.

>After returning to Poland, he wanted to install such a radio station at Niepokolanow, but was not given a license since all stations were government owned. Fr.Kolbe didn't lose hope. He became a radio amateur, SP3RN and a member of PZK. Understandably, the letters 'RN' meant Radio Niepokolanow. During 1937-38 he was operating on about 7200 kHz. In those days 7 MHz was also heard on most short-wave receivers.

(Continued from page 3)

>Early in the Nazi occupation of Poland, Fr. Kolbe was arrested and deported to the death camp, Auschwitz. In July of 1941, the Nazis selected ten men to starve to death as punishment for the escape of another prisoner. At that point, Father Kolbe volunteered to die in place of Franciszek Gajowniczek, a man who had a wife and children. Gajowniczek, the man whose life was spared by Fr. Kolbe's sacrifice, died peacefully March 13, 1995, at the age of 94 at his home near the Polish capitol, Warsaw.

>In 1982, Fr. Kolbe, SP3RN, was canonized a saint by the Roman Catholic Church.

>Radio amateurs in Argentina consider him as the patron saint of radio amateurs.

HISTORICAL ASSISTANCE

From Amateur Radio Newsline

The Antique Wireless Association is building a replica of the famous 1BCG transmitter used in the 1921 ARRL Transatlantic Tests. This was the first station to send a complete message across the Atlantic. 1BCG was operated from E. Greenwich, CT, by means of the pioneering Radio Club of America. The association says that it knows of only one licensed amateur other than 1BCG himself who is still active who was heard by Paul Godley in England. That's Jim Russell, now W8BU, then 8BU. The association would like to hear from others who might have heard 1BCG during the tests. If you can help, contact AWA Curator Bruce Kelley, W2ICE, 59 Main St., Bloomfield, NY 14469. AWA hopes to have the transmitter operating sometime this fall. It also hopes its operators are able to work some of the hams who participated in the 1921 tests.

HAM-IT-UP PUZZLE

Bill Sawders, K7ZM © 1995

Locate each word below in the puzzle. Words can be horizontal, vertical, diagonal, and backwards. **10 letters will not be used.** Use these letters to spell a familiar word! Good luck! *Answer key on page 52*

W	H	E	L	I	B	O	M	Y	R	O	E	H	T	
O	O	S	A	M	P	E	H	Q	F	H	G	I	R	
R	M	H	T	Y	F	A	A	M	S	R	C	P	N	
E	E	O	A	L	A	J	C	M	S	K	I	T	O	
T	B	C	D	S	P	E	Q	K	E	L	X	T	I	
L	R	K	D	E	R	Q	S	T	E	O	A	A	T	
I	E	Q	U	A	D	A	Y	U	D	T	F	W	A	
F	W	A	S	T	R	A	P	S	E	F	E	V	R	
A	R	E	N	U	T	T	B	S	S	U	D	D	B	
D	I	O	D	E	S	A	T	A	K	M	O	C	I	
E	Y	E	B	A	L	L	C	B	U	L	C	D	L	
D	O	O	W	N	E	K	A	C	I	W	T	A	A	
C	E	T	N	E	T	Q	W	O	X	P	I	H	C	
R	E	V	I	E	C	E	R	E	L	D	D	A	P	

AMP
BASS
BEAM
CALIBRATION
CHIP
CLUB
CODE
COED
CQ
CW
DAH
DB
DATA
DESK
DIODES
DIT
DSP
DXCC
EYEBALL
FADE
FAX
FILTER
HF
HOMEBREW
ICOM
KENWOOD
KIT
LAB
MFJ
MOBILE
MODE
MUF
OHMSLAW
PACKET
PADDLE
PILEUP
QSK
QSY
QST
QUAD
RECEIVER
RIG
SHOCK
SSB
TALK
TENTEC
TEST
THEORY
TICKET
TRAPS
TUNER
VFO
WAC
WAS
WATT
WX
YAESU

ANSWER: _ _ _ _ _ _ _ _ _ _ _ _

THE BACK YARD RADIO CLUB

Al Miller, VE7KC/AA7RS

From Worldradio June 1995

As teenagers little did we think, when the stock market crashed in 1929, that it would have a profound effect on our future. The shock waves that created the great depression meant no work, little money and lots of spare time. This situation did much to create the "Golden Days of Radio."

>Being young, many of us had considerable interest in this wonder of the age, much like the kids of today with their fascination with computers. At this stage my interest was mainly in broadcast band DX. My buddies and I would stay up half the night trying to hear KDKA Pittsburgh, WLW Cincinnati, WGY Schenectday, and with good conditions JOAK Japan and VK2ME Australia.

>Just about this time my father built a shed in the back yard, for what purpose I don't know. Maybe a car, although we didn't own one, or maybe a workshop. In any case it didn't get to be either as it got commandeered for a club house.

>Of course it had to be made usable so we found an old wood stove as a start. Next we lined the inside walls with old cardboard boxes and papered them with newspaper comics. This turned out to be a serious mistake as some of the members and visitors were distracted and spent too much time reading the walls and ceiling. We eventually improved the walls and got rid of the comics in favor of real wallpaper. One memorable occasion occurred when a member doing the ladder work stepped down and put his foot in the paste bucket. For some reason he didn't appreciate the humor of the situation.

>Even up to this stage we were still not aware of Amateur Radio. The big break came by accident. Every fall the Vancouver dealers put on radio shows promoting the latest sets: Stromberg Carlsons, Atwater Kents, Marconi, Philco and a host of others. As an attraction one of these shows included an operating ham station and fortunately I just happened to attend.

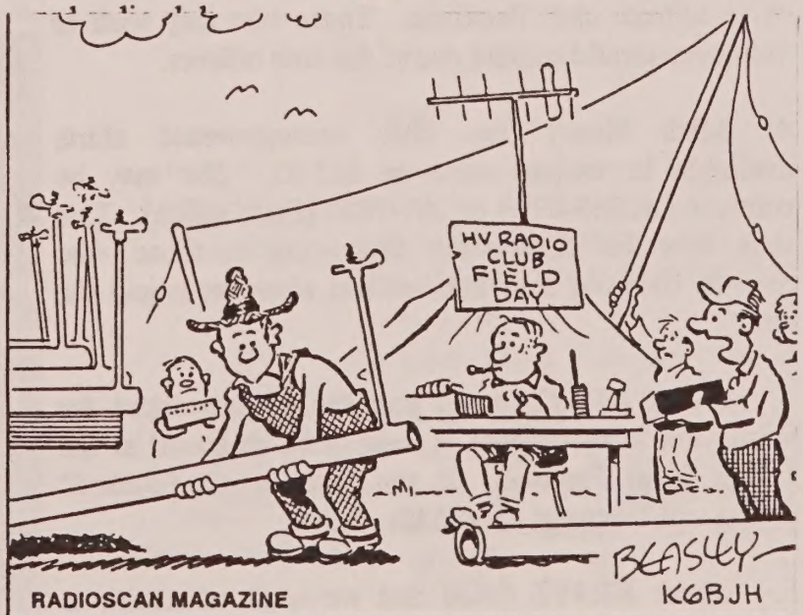
>One of the two operators was a young outgoing type who set out to explain what Amateur Radio was all about. Seeing he had a potential convert, I was invited to see his home station. The receiver had two tubes and the transmitter had one, both ran off the same B eliminator power supply. The antenna ran straight out of the upstairs window, through a condenser and clipped directly on to the tank coil. My new found friend also told me about the big radio club and suggested I should attend.

>This information was relayed back to our radio club membership and immediately we had a new interest. The big radio club turned out to be a bonanza. We found a friendly licensed ham who agreed to attend our meeting and teach us the requirements for becoming a radio amateur. Learning how vacuum tubes worked, how circuits oscillated and how an antenna resonated was pretty heady stuff for us budding hams.

>Beside learning the technicalities we enjoyed the social life of getting together. After a meeting we would take a collection for coffee makings and buy some day-old doughnuts. Thanksgiving, Christmas and Easter were special and somehow we found money for turkeys. The mothers did the cooking and supplied the trimmings. Probably to add a little class to these events one member started bringing his sister. It would appear that all members were not just interested in Amateur Radio. Our instructor proved this by marring the sister.

>Eventually all members wrote their exams, obtained their call signs and got a rig on the air. At this time most of us didn't realize we were preparing ourselves for a career in radio. Some became commercial operators, some radio service technicians, avionics specialists, plus other vocations in electronics and communications. One even credited Amateur Radio as being the route to his Ph.D.

>The club disbanded long ago, the club house has disappeared and most of the members are silent keys. Of course more than 50 years have passed, but for myself there are many happy memories of the old back



-SAID HE DOESN'T MIND US USING HIS FIELD FOR FIELD DAY, BUT IT'S TIME TO IRRIGATE!

TREASURER'S REPORT

By K4EOS Clyde Lee

BALANCE FORWARD FROM 1994	1,070.58
DEPOSITS Year to date	2,526.12
TOTAL INCOME	$2,596.70
EXPENDITURES	1,931.34
BALANCE AS AT 4/30/95	$1.665.36

APRIL MEETING

By Bobi Sue Wood AD4VV

The meeting was called to order by Chuck KR4YZ before 73 members and guests at 1905. After the usual opening ceremonies the introductions started with the "now no longer invisible voice - Dave, AC4JX"! Dave received quite a hand and quite a reception from a roomful of his appreciative fellow members. After the ceremonies, the following items were discussed:

1. Bob W4VQB introduced Andreas Gille DL2GGA. His visitor from Buehl, Germany. Andreas seemed to enjoy very much our meeting, and he was impressed by our numbers!

2. Cliff KC4SYD asked for 6 volunteers to provide a communications network during the upcoming Indian River Raft Race.

3. It was noted that there is a need for volunteer drivers to provide transportation for those unable to drive to/from club functions. Those who may wish to volunteer should contact one of the club officers.

4. Miss Sherry has club monogrammed shirts available in various sizes at $12.00. She may be contacted at 269-0779 or 267-3450 (Bud's office). This item may be particularly interesting to those who recently received their licenses and who plan to join the club.

5. Chuck KR4YZ noted that the Jaycees asked for volunteers to participate in their "dunk'en booth" at the Indian River Festival. If you want to get "dunked" please call Donna at 459-9532.

6. Chuck KR4YZ noted that we need volunteers to help maintain the club's historical file.

7. Tim AD4NA displayed the entries for the proposed club logo, and he reviewed the logo competition program. In the end it was voted to retain the current logo created by Reynaldo KD4SRN. Senor Reynaldo thus earns a one-year paid membership. Congratulations, Reynaldo!

8. Carol Ann KC4VIN reported on the mosquito net activities. It seems the "skeeters", like always, just keep multiplying. Carol noted that the net now exceeds 700 members. It has an Orlando chapter with some 70 members and growing. Current plans include another chapter to open in Brazil with quien sabe how many more new members!

9. Cliff KC4SYD and Mike KE4MWZ reported that the Thursday nets have not been very active, and they seemed concerned regarding the lack of member participation.

10. Ozzie N4SCY asked for 5 volunteers to provide communications support during the Tour de Cure bike race scheduled for May 9.

11. Warren KS4GP reported on the progress of the plans for this year's Field Day program. He noted the following committee heads:

Equipment	Marty WD4JNM
Operations	Gene KC4TE
Publicity	Kay KD4VFQ
Refreshments	Cliff KC4SYD
Assisting	Les L4SJC
Administration	Dan AD4VU

Warren listed the several items of equipment still needed, and he noted that the May meeting will be devoted to Field Day planning.

12. Kay KD4VFQ reported that she had completed a draft of a new "Members Handbook:, and she had available copies for review and comments. She hopes to have this book completed for distribution very soon.

The second part of the meeting was given to a review and discussion of ARES/RACES/BEARS etc. and the plan to provide/insure an effective communications network during any crisis or emergency in our area, or affecting our area.

ABELL'S ANECDOTES

By Pike W4EPU

My most memorable radio contact: Clara and I were living in Greece at the time. Greece was fairly rare DX for American Hams. My call was SV0WZ.

My most memorable schedule, by far, was a CW contact with Cliff Corne, K9EAB, on October 2, 1957. Cliff and I exchanged QSL cards. Shown below are his card, his picture and the writing on the back of the card and picture. That is when I learned that Cliff was in an iron lung. He and I kept in touch after that. When Clara and I transferred back to the States, Cliff and I had regular CW schedules for a couple of years. I didn't hear from him for a while, then I received a letter from his dad informing me that Cliff had passed away. I felt bad about it but I just imagine he had been on borrowed time for a good while. I know amateur radio was a tremendous pleasure for Cliff.

PEORIA, ILLINOIS

K 9 E A B

Radio SVØ WZ. Confirming QSO of OCT 2 1957 at 1435 CDST

on 21 mc. fone-cw. Your sigs RST 5-6-9 on 75 A-4 rcvr.

Xmtr: VIKING VALIANT. 275 wts inp. Ant: 5 EL. W3DZZ TRIBAND PSE QSL

TNX PIKE FOR MOST WELCOME QSO. IT LOOKED LIKE WE GOT IN JUST UNDER THE WIRE — THE BAND WAS SURE ERRATIC TODAY. YOU ARE MY FIRST SVØ MAKING MY 113 th. COUNTRY OF WHICH 95 HAVE CONFIRMED. ONLY 5 MORE TO GO FOR DXCC. I OPERATE FONE AND SSB ALSO — WITH A 20A-GE. ON 10-15-20, BUT TO DATE HAD NOT HEARD AN SVØ IN A YEARS OPERATION. I SURE WILL LOOK FORWARD TO GETTING YOUR CARD. ENCLOSED IS A SNAPSHOT OF MYSELF AND RIG. SUPRIZED? 73 CLIFF

K9EAB CLIFF CORNE PEORIA, ILL

MAR 30 1957

EXCLUSIVE AT REX

"BOUND" TO BE BETTER

UP R PACKS

EORIA, ILLINOIS

SVØ WZ

PIKE

SINCE THIS WAS TAKEN, I'VE ADDED A WAC AND A WAC-PHONE CERTIFICATE — ALSO RAMEY AFB CERTIFICATE AND MANY NEW QSL'S. ALSO A CE 20A WITH 458 VFO FOR SSB.

POLIO IN 1949 - I WAS 11 THEN - LEFT ME IN THE IRON LUNG. MY DAD, CLIFF SR. IS SECRETARY - HI. SURE HOPE TO WORK YOU AGAIN WHEN THE BAND OPENS. 73 CLIFF

MEMBERSHIP UPDATE

NEW MEMBERS:	000000 William Simano
	K8HRR Ira Bickham
	KE4MXG Carl Linebaugh
	W1UAZ Edward Cote
	KE4YQH Keith Kiser
	KE4YQN William King
RENEWALS:	KE4ABH Vern Andrews
	KE4AGK Maurice Gionet
	N4AWX Brian Van Alstine
	KC4WZA Janet Van Alstine
	WB4AXB Art Bursch
	K4EOS Clyde Lee
	K4JYX John Adams
	KE4KDU Kerry Thompson
	KE4LNT Ed Glovich
	KC4UFI Jerry Russell
	KD4MIW Sharon Russell
	KD4ZAI Walt Hollowell
	KC4ZHE John Halase

HAMFEST CALENDAR

6/16-17	Albany GA ARC Jane Crosby, K4XA 308 Residence Ave., Albany, GA 31701 912-993-7373
7/15-16	Atlanta Radio Club Jim Spencer, WD4NFT 3559 Castlehill Way, Tucker, GA 30084 404-908-8552
8/5-6	Southeastern Div. Convention Wayne Ochlman, WB3DBE P.O.Box 23375, Jacksonville, FL 32241 904-292-0095
11/4	Mobile ARC, Mobile, AL Richard Ireland, KD4TTD 10341 Hwy.188, Grand Bay, AL 36541 334-824-2749
11/11	Titusville ARC Cliff Hoag, KC4SYD
11/18-19	Florida State Convention. Tampa, FL Charlotte Frazier, WB4PEL 617 Highland Ave., Dunedin, FL 34698

TITUSVILLE AMATEUR RADIO CLUB
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TITUSVILLE FL 32781-0073